

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Original): Monopropellant composition for propulsion and/or gas generation, comprising a solution of hydrazinium nitroformate (HNF) and/or ammonium dinitramide (ADN) in water and/or a solvent, and wherein the amount of HNF and/or ADN is from 25 to 95 wt.% of the composition.

Claim 2 (Original): Monopropellant composition according to claim 1, comprising water and an amount of a solvent.

Claim 3 (Original): Monopropellant composition according to claim 2, wherein the solvent is an alkanol, preferably a C₁-C₄ alkanol.

Claim 4 (Original): Monopropellant composition according to claim 3, wherein the alkanol is methanol and/or ethanol.

Claim 5 (Currently Amended): Monopropellant composition according to claim 3 [[or 4]], wherein the amount of alkanol is at most 70 wt.%.

Claim 6 (Currently Amended): Monopropellant composition according to ~~claims 1-5~~
claim 1, consisting of 25 to 75 wt.% of hydrazinium nitroformate, 5 to 50 wt.% of water and
0 to 25 wt.% of lower alkanol.

Claim 7 (Currently Amended): Monopropellant composition according to ~~claims 1-6~~
claim 1, further comprising ~~solubilisers~~ solubilizers, ~~vapour~~ vapor pressure decreasing agents
and/or performance improving agents.

Claim 8 (Currently Amended): Use of a composition of hydrazinium nitroformate
and/or ammonium dinitramide according to ~~claims 1-7~~ claim 1 as propellant in spacecraft
propulsion.

Claim 9 (Currently Amended): Use of a composition of hydrazinium nitroformate
and/or ammonium dinitramide according to ~~claims 1-7~~ claim 1 as emergency propellant in jet
fighters.

Claim 10 (Currently Amended): Use of a composition of hydrazine nitroformate
and/or ammonium dinitramide according to ~~claims 1-7~~ claim 1 in an emergency gas
generation system for submarines.

Claim 11 (Currently Amended): Process for orienting and positioning of spacecraft
after delivery into the normal orbit by a launch vehicle by the use of spacecraft propulsion
system based on monopropellant thrusters, wherein the monopropellant according to ~~claims~~
~~1-7~~ claim 1 is used for propulsion.

Claim 12 (Original): Use of a composition comprising a solution of HNF and/or
ADN for propulsion and/or gas generation.
